

Nitchada Kamlue

Curriculum Vitae

Learning to Grow Lab, LLC
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PROFESSIONAL TRAINING

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| Ph.D. 2026 | Western Michigan University, Kalamazoo, MI
Area: Mathematics Education
Dissertation: <i>A Systematic Review of Productive Struggle Definitions and an Investigation of Prospective Teachers' Mathematical Struggle During a Whole-Class Discussion of a High-Leverage Contribution</i>
Committee: Dr. Laura R. Van Zoest (Chair),
Dr. Jane-Jane Lo, Dr. Theresa J. Grant, Dr. Mariana Levin,
and Dr. Hiroko K. Warshauer |
| M.A. 2022 | Western Michigan University, Kalamazoo, MI
Area: Mathematics Education |
| M.Ed. 2020 | University of South Florida, Tampa, FL
Area: Curriculum and Instruction with a concentration in
Mathematics Education |
| B.Ed. 2017 (1st Class Honors) | Chulalongkorn University, Bangkok, Thailand
Area: Secondary Education (Honors Program)
Major: Mathematics
Undergraduate Thesis: <i>The Effect of Using Mathematics Activities Based on Problem-Based Learning on Mathematical Connection and Attitude Towards Mathematics Learning of Eighth Grade Students</i>
Committee: Dr. Sansanee Nenthien (Chair),
Dr. Jinnadit Laorpaksin, and Dr. Yurawat Klaimongkol |

PROFESSIONAL EXPERIENCE

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| April 2026 - Present | Founder and Chief Executive Officer (CEO),
Learning to Grow Lab , LLC, Kalamazoo, Michigan |
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March 2026 - April 2026	Accessibility Consultant, Department of Mathematics Western Michigan University, Kalamazoo, Michigan
Summer 2025 - Spring 2026	Research Fellow, Department of Mathematics Western Michigan University, Kalamazoo, Michigan
Fall 2022 - Spring 2025	Teaching Assistant, Department of Mathematics Western Michigan University, Kalamazoo, Michigan
Fall 2022 - Summer 2024	Student Investigator, Department of Mathematics Western Michigan University, Kalamazoo, Michigan <i>Inter MOST Project: Building on Mathematical Opportunities in Student Thinking (Building on MOSTs) across Cultures (Thailand, Turkey, and United States)</i>
Summer 2021 - Summer 2022	Student Investigator, Department of Mathematics Western Michigan University, Kalamazoo, Michigan <i>MOST Thai Project: Investigating Thai Mathematics Teachers' Perspectives about Classroom Norms</i>
Fall 2020 - Fall 2022	Student Investigator, Department of Mathematics Western Michigan University, Kalamazoo, Michigan <i>Prospective Teachers' Developing Ideas about Teaching and Learning Mathematics Project (Frog Study)</i>
Summer 2020 - Summer 2023	Research Assistant, Department of Mathematics Western Michigan University, Kalamazoo, Michigan <i>MOST Project</i> (This project is funded by the National Science Foundation)
March 2017 - March 2018	Full-Time Mathematics Teacher, Math Talent by Dr. Ying Bangkok, Thailand Taught mathematical concepts by using visual mathematical method (Kindergarten–Grade 9)
October 2016 - March 2017	Student Teacher, Chulalongkorn University Demonstration Secondary School (Grades 7–12), Bangkok, Thailand
May 2016 - September 2016	Student Teacher, Buddhajak Wittaya School (Grades 7–12), Bangkok, Thailand
June 2013 - March 2017	Private Mathematics Tutor (Grades 5–12) Bangkok, Thailand

GRANTS

Summer 2026	Michigan Association of Mathematics Teacher Educators (MI-AMTE) Mini Grant, \$1000
Spring 2026	David P.Y. Burns Mathematics Finishing Scholarship Western Michigan University, \$4,172.05.
2025 - 2026	Burns Graduate Professional Development Scholarship Western Michigan University, \$2,705.
Fall 2025	David P.Y. Burns Mathematics Finishing Scholarship Western Michigan University, \$8,209.41.
Summer 2025	David P.Y. Burns Mathematics Research Scholarship Western Michigan University, \$4,439.
Fall 2024	Burns Graduate Professional Development Scholarship Western Michigan University, \$550.
July 2024	Alavi Mathematics Endowment Fund (Travel Grant) Western Michigan University, \$2000.
November 2023	Alavi Mathematics Endowment Fund (Travel Grant) Western Michigan University, \$1,200.
April 2022	GSA Data Collection Grant, Western Michigan University, \$986.
March 2022	Graduate Student Travel Grant, Western Michigan University, \$1000.
May 2016	Honors Program Research Grant, Chulalongkorn University Bangkok, Thailand, \$846.

HONORS/AWARDS

2025 - 2026	Department Graduate Research Scholar Award Department of Mathematics, College of Arts & Science Western Michigan University
February 2026	Three-Minute Thesis (3MT) Competition—Third Place Western Michigan University
2024 - 2025	Yousef Alavi Doctoral Student Award Department of Mathematics, College of Arts & Science Western Michigan University

- 2024 - 2025 Charles H. Butler Excellence in Teaching Award
Department of Mathematics, College of Arts & Science
Western Michigan University
- March 2025 Three-Minute Thesis (3MT) Competition—Second Place
Western Michigan University
- 2023 - 2024 Department Graduate Research Scholar Award
Department of Mathematics, College of Arts & Science
Western Michigan University
- 2022 - 2024 Department Graduate Student Service Award,
Department of Mathematics, College of Arts & Science
Western Michigan University
- 2021 - 2022 Robert C. Seber Memorial Award, Department of Mathematics
College of Arts & Science, Western Michigan University
- April 2021 Outstanding Research Presentation (Honorable Mention)
Western Michigan University
Title: *The Art of Struggling Productively*
- October 2019 Member of the International Honor Society in Education:
KAPPA DELTA PI, LAMDA TAU CHAPTER
University of South Florida, Tampa, Florida
- September 2016 Outstanding Student who Created and Utilized Classroom Material Award
Chulalongkorn University, Bangkok, Thailand

PUBLICATIONS

Referred Journals

Leatham, K. R., Peterson, B. E., Freeburn, B., Graff, S. W., Van Zoest, L. R., Stockero, S. L., & Kamlue, N. (2023). Using public records to scaffold joint sense making. *Mathematics Teacher: Learning and Teaching PK-12*, 116(11), 856-864.
<https://doi.org/10.5951/MTLT.2023.0101>

Referred Conference Proceedings

International

Kamlue, N., & Van Zoest, L. R., (2026). Who benefits from optimizing mathematically productive struggle? Initial insights from prospective elementary teachers' mathematical justifications. In H. Krzywacki, M. Häikiöniemi, E. Haataja, M.S. Hannula & P. Hästö (Eds.). *Proceedings of the 49th Conference of the International Group for the Psychology of Mathematics Education: Research Reports*, pp. 1523-1530. PME.

Kamlue, N., & Van Zoest, L. R. (2024). A preliminary systematic review on how productive struggle is defined in mathematics education research. In T. Evans, O. Marmur, J. Hunter, G. Leach, & J. Jhagroo (Eds.), *Proceedings of the 47th Conference of the International Group for the Psychology of Mathematics Education* (Vol. 3, pp. 121-128). PME.

Kamlue, N., Tangkawsakul, S., Sukonwiriyaikul, T., & Van Zoest, L. R. (2023). Factors that influence Thai mathematics teachers' perspectives about classroom norms. In M. Inprasitha, A. Sudjamnong, A. Suriyon, J. Saengpun, P. Moonpo, R. Chaovasetthakul, S. Plianram, & W. Suttiamporn (Eds.), *Proceedings of the Regional Conference of the International Group for the Psychology of Mathematics Education* (pp. 128). Khon Kaen, Thailand: PME.

Kamlue, N., Tangkawsakul, S., Sukonwiriyaikul, T., & Van Zoest, L. R. (2022). Exploring Thai mathematics teachers' perspectives about classroom norms. In C. Fernández, S. Llinares, A. Gutiérrez, & N. Planas (Eds.), *Proceedings of the 45th Conference of the International Group for the Psychology of Mathematics Education* (Vol. 4, pp. 364). Alicante, Spain: PME.

National

Kamlue, N., & Van Zoest, L. R. (2025). Mathematical learning opportunities in prospective elementary teachers' responses to a comparing fraction pair task. In R. M. Zbiek, X. Yao, A. McCloskey, & F. Arbaugh (Eds.), *Proceedings of the forty-seventh annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 781-785). Pennsylvania State University.

Anthony, M., Jarry-Shore, M., Goldsmith-Markey, L. T., Valerio, J., Warshauer, H. K., & **Kamlue, N. (2024).** Productive struggle in mathematics education research, teaching, and learning working group. In K. W. Kosko, J. Caniglia, S. Courtney, M. Zolfaghari, & G. A. Morris (Eds.), *Proceedings of the forty-sixth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 2110-2112). Kent State University.

Kamlue, N. (2024). An exploratory study investigating researchers' productive struggle conceptualizations in two distinct contexts. In K. W. Kosko, J. Caniglia, S. Courtney, M. Zolfaghari, & G. A. Morris (Eds.), *Proceedings of the forty-sixth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1844-1845). Kent State University.

Kamlue, N., Van Zoest, L. R., & Arciaga, Y. J. (2023). Prospective mathematics teachers' experiences engaging in an opportunity for productive struggle. In T. Lamberg, & D. Moss (Eds.), *Proceedings of the forty-fifth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (Vol. 1, pp. 545-553). University of Nevada, Reno.

Kamlue, N., & Van Zoest, L. R. (2022). A preliminary look at prospective mathematics teachers' productive struggle. In A. E. Lischka, E. B. Dyer, R. S. Jones, J. N. Lovett, J. Strayer, & S. Drown (Eds.), *Proceedings of the forty-fourth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1206-1210). Middle Tennessee State University.

Freeburn, B., Leatham, K. R., Graff, S., **Kamlue, N.**, Stockero, S. L., Peterson, B. E., & Van Zoest, L. R. (2022). Using public records to support the productive use of student mathematical thinking. In A. E. Lischka, E. B. Dyer, R. S. Jones, J. N. Lovett, J. Strayer, & S. Drown (Eds.), *Proceedings of the forty-fourth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1738-1746). Middle Tennessee State University.

Kamlue, N., & Van Zoest, L. R. (2021). A preliminary investigation into prospective teachers' productive struggles for making sense of mathematical practices. In D. Olanoff, K. Johnson, & S. M. Spitzer (Eds.), *Proceedings of the forty-third annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1114-1115). Philadelphia, PA.

Freeburn, B., Graff, S., **Kamlue, N.**, Arslan, Z., Sorensen, L. J., Ruk, J. M., & Leatham, K. R. (2021). Teachers' referencing of public records of student mathematical thinking. In D. Olanoff, K. Johnson, & S. M. Spitzer (Eds.), *Proceedings of the forty-third annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1607-1608). Philadelphia, PA.

Web Blogs

Kamlue, N. (2024, November 17). Networking for Future Collaborations. *The Michigan Association of Mathematics Teacher Educators*.
https://static1.squarespace.com/static/5fb19378a37a092c901edb60/t/67315db4d2edd321b4b081d5/1731288500747/MI-AMTE+Blog+Post_NK_2024_sm.pdf

Kamlue, N., & Van Zoest, L. R. (2022, November 9). Productive struggle: An opportunity for in-depth mathematics learning. *Advancing Research & Innovation in the STEM Education of Preservice Teachers in High-Need School Districts (ARISE)*. <https://aaas-arise.org/2022/11/09/productive-struggle-an-opportunity-for-in-depth-mathematics-learning/>

Undergraduate Thesis

Kamlue, N., & Nenthien, S. (2017). *The effect of using mathematics activities based on problem-based learning on mathematical connection and attitude towards mathematics learning of eighth grade students* (Unpublished undergraduate thesis). Chulalongkorn University.

PRESENTATIONS

Professional Conference

International

Kamlue, N., & Van Zoest, L. R. (2024, July). *A preliminary systematic review on how productive struggle is defined in mathematics education research*. Paper presented at the 47th Conference of the International Group for the Psychology of Mathematics Education, Auckland, New Zealand.

Kamlue, N., Postma, J. L., Arslan, Z., Peterson, B. E., & Van Zoest, L. R. (2024, July). *Thai in-service teacher's reactions to a United States-based teaching practice*. Poster presented at the 15th International Congress on Mathematical Education, Sydney, Australia.

Kamlue, N., Tangkawsakul, S., Sukonwiriyaikul, T., & Van Zoest, L. R. (2023, December). *Factors that influence Thai mathematics teachers' perspectives about classroom norms*. Paper presented at the Regional Conference of the International Group for the Psychology of Mathematics Education 2023, Khon Kaen, Thailand.

Kamlue, N., Tangkawsakul, S., Sukonwiriyaikul, T., & Van Zoest, L. R. (2022, July). *Exploring Thai mathematics teachers' perspectives about classroom norms*. Poster presented at the 45th Conference of the International Group for the Psychology of Mathematics Education, Alicante, Spain.

National

Kamlue, N., & Van Zoest, L. R. (2026, February). *Defining productive struggle in mathematics learning*. Discussion Session held at the 30th Annual Conference of the Association of Mathematics Teacher Educators, Portland, OR.

Kamlue, N., & Van Zoest, L. R. (2025, October). *Mathematical learning opportunities in prospective elementary teachers' responses to a comparing fraction pair task*. Paper presented at the 47th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, State College, PA.

Anthony, M., Jarry-Shore, M., Goldsmith-Markey, L. T., Valerio, J., Warshauer, H. K., & **Kamlue, N.** (2024, November). *Productive struggle in mathematics education research, teaching, and learning working group*. Working group at the 46th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Cleveland, OH.

Kamlue, N. (2024, November). *An exploratory study investigating researchers' productive struggle conceptualizations in two distinct contexts*. Poster presented at the 46th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Cleveland, OH.

Kamlue, N., & Van Zoest, L. R. (2024, September). *How to recognize a mathematically productive struggle*. Burst Session held at the National Council of Teachers of Mathematics 2024 Annual Meeting & Exposition, Chicago, IL.

Kamlue, N., Arciaga, Y. J., & Van Zoest, L. R. (2024, February). *The panorama of meanings of productive struggle*. Discussion Session held at the 28th Annual Conference of the Association of Mathematics Teacher Educators, Orlando, FL.

Kamlue, N., Van Zoest, L. R., & Arciaga, Y. J. (2023, October). *Prospective mathematics teachers' experiences engaging in an opportunity for productive struggle*. Paper presented at the 45th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Reno, NV.

Kamlue, N., & Van Zoest, L. R. (2023, February). *Prospective teachers' productive struggle in a mathematics method course*. Poster presented at the 27th Annual Conference of the Association of Mathematics Teacher Educators, New Orleans, LA.

Kamlue, N., & Van Zoest, L. R. (2022, November). *A preliminary look at prospective mathematics teachers' productive struggle*. Paper presented at the 44th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Nashville, TN.

Kamlue, N., & Van Zoest, L. R. (2021, October). *A preliminary investigation into prospective teachers' productive struggles for making sense of mathematical practices*. Poster presented at the 43rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Philadelphia, PA.

Van Zoest, L. R., Ruk, J. M., **Kamlue, N.**, Stockero, S. L., Leatham, K. R., & Peterson, B. E. (2021, May). *Articulating the student mathematics in student contributions*. Paper presented at the 42nd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Held Virtually.

Kamlue, N., Pinder, C., & Sears, R. (2020, November). *Using problem-based learning in middle school mathematics*. Presentation at NCTM 2020 Conference, Held Virtually.

Regional

Kamlue, N., & Arciaga, Y. J. (2026, March). *Teachers flourishing through defining productive struggle*. Presentation at the 2026 Conversations Among Colleagues, Wayne State University, Detroit, MI.

Kamlue, N., & Nenthien, S. (2018, November). *The effect of using mathematics activities based on problem-based learning on mathematical connection abilities and attitude towards mathematics learning of eighth grade students in Thailand*. Paper presented at Florida Educational Research Association 63rd Annual Meeting, St. Petersburg, FL.

Sears, R., & Kamlue, N. (2018, October). *Using problem-based learning to promote students' success in secondary mathematics*. Presentation at the 65th Annual Florida Council of Teacher of Mathematics Conference, Daytona Beach, FL.

Workshop Presented

- December 2023 Facilitator, Faculty of Education, Kasetsart University, Bangkok, Thailand
Facilitated a one-day workshop for pre-service teachers, graduate students, and faculty members in four sessions: (a) Activities for the First Day of Class, (b) Productive Struggle, (c) Whole Class Discussion—An Introduction to the Building on MOST work, and (d) Public Records
- December 2022 Facilitator, Mueang Nan District, Nan, Thailand
Facilitated a hybrid professional development for 15 local Thai teachers from different districts in Nan province about how to build on student mathematical thinking during a whole-class discussion (The MOST Project) and productive struggle
- March 2021 Facilitator, Wiang Sa District, Nan, Thailand
Facilitated an in-person workshop for 15 local Thai teachers in my hometown about norms in classroom, four levels of cognitive demand in mathematical tasks, questioning, and assessment

Other Presentations/Colloquiums

- April 2026 Invited Speaker, The Hope College Mathematics and Statistics Colloquium, Hope College, Holland, Michigan
Presented a portion of my dissertation research on productive struggle to undergraduate students and faculty from diverse academic disciplines.
- April 2025 Invited Speaker, Department of Mathematics, Texas State University, San Marcos, Texas
Presented my dissertation's preliminary findings at Texas State's Mathematics Education Seminar
- June 2024 Invited Speaker, The Melbourne Symposium 2024, The Third Wave Lab University of Melbourne, Melbourne, Australia
Introduced colleagues whose work related to values in mathematics education to know the term *productive struggle* and raised a question on how it might be related to their work, such as *ultimate values*
- June 2024 Invited Speaker, Faculty of Education, University of Melbourne Melbourne, Australia
Gave a talk about what exactly productive struggle is to colleagues and academic visitors who joined the Mathematics, Science and Technology Education Group Research Seminar 2024

- November 2023 Invited Speaker, Faculty of Education, Chulalongkorn University
Bangkok, Thailand
Facilitated a two-hour discussion with pre-service teachers, graduate students, and faculty members in three topics: (a) learning experiences in the US—how to engage students in the first day of class, (b) teaching experiences in the US—how to teach young children to reason mathematically, and (c) life experiences—how to reach your dreams
- October 2022 Invited Lecturer, Chulalongkorn University, Bangkok, Thailand
Facilitated a virtual discussion in a *Communicative English for Math Teachers* course about how to create a poster for conference presentation
- November 2021 Invited Lecturer, Chulalongkorn University, Bangkok, Thailand
Orchestrated a virtual discussion in a *Communicative English for Math Teachers* course about how to create a poster for conference presentation
- August 2021 Invited Speaker, Chulalongkorn University, Bangkok, Thailand
Gave a virtual talk to students who were interested in studying in Honors Program (Major: Mathematics)
- May 2021 Invited Speaker, Chulalongkorn University, Bangkok, Thailand
Gave a virtual talk to fifth-year students who were going to become 2021 graduates about studying abroad (USA)
- March 2021 Presenter at Math Club, Western Michigan University
Kalamazoo, Michigan
Gave a virtual talk about lessons learned from studying abroad (e.g., problem-based learning and productive struggle)

Conference Participation as Representative (Selected to Participate)

- October 2016 University Delegate, Bangkok, Thailand
Discussed the topic “School as Learning Community” at the International Conference at EDUCA 2016—the 9th Annual Congress for Teacher Professional Development
- April 2015 University Delegate, Hokkaido University, School of Education
Hokkaido, Japan
Discussed how to solve global issues by utilizing Education Sustainable Development at the ESD Campus Asia Program with other representatives from Korea University, Seoul National University, Beijing Normal University, and Hokkaido University

October 2014 University Delegate, Bangkok, Thailand
 Discussed the topic “Assessment for Learning: Wrong Questions
 Never Yield Right Answers” at the International Conference at
 EDUCA 2014—the 7th Annual Congress for Teacher Professional
 Development

COURSE TAUGHT

Western Michigan University

S2025	MATH 1520 Early Mathematical Reasoning (In-person)
F2024, S2024, F2023	MATH 1520 Early Mathematical Reasoning (Asynchronous)
F2024, S2024, F2023	MATH 1140 Using Data for Life Decisions (Asynchronous)
S2023, F2022	MATH 1140 Using Data for Life Decisions (In-person)

SERVICE

Journal and Professional Organization

2026	Reviewer, Special Issue (2027), “Defining, Cultivating, and Sustaining Productive Struggle in Mathematics Classrooms,” <i>Investigations in Mathematics Learning</i>
2025	Reviewer, Annual Conference of the Association of Mathematics Teacher Educators
2024 - 2025	Conference Committee, Conversation Among Colleagues 2025 The Michigan Association of Mathematics Teacher Educators
2024 - 2025	Graduate Student Representative, Leadership Board The Michigan Association of Mathematics Teacher Educators
2023	Reviewer, International Congress on Mathematical Education
2022	Reviewer, Annual Conference of the Association of Mathematics Teacher Educators
2022 - 2023	Reviewer, <i>Teachers and Teaching: Theory and Practice</i>
2021 - Present	Reviewer, Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education

Department Service

2022 - 2026	Social Media Manager for the <i>WMU Mathematics Education Matters</i> Facebook Page
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Community Service

June 2026 - Present

Organizing Committee Chair, Nan EdExpo, Nan Province, Thailand

Leading the development of an international educational event through stakeholder engagement, fundraising, and collaborative planning with educators, researchers, and communities in Thailand and abroad.

May 2026

Facilitator, The Michigan Association of Mathematics Teacher Education, Michigan

Hosted the virtual 2026 *MI-AMTE Graduate Student Experience Panel Discussion*.

April 2026 - Present

Lead Facilitator, Productive Struggle Working Group
Facilitated monthly discussions among scholars and practitioners to foster collaboration and advance conversations around productive struggle.

October 2025

Volunteer Sign Setup and Reception Ticket Taker, The 57th Annual National Council of Supervisors of Mathematics Conference, Atlanta, Georgia

September 2025

Facilitator, Faculty of Education, Chulalongkorn University Bangkok, Thailand

Facilitated and translated (Thai–English) a two-hour discussion on *Introducing Desmos as a Tool for Facilitating Mathematics Learning* with 49 prospective secondary teachers in the *Innovations and Technology of Teaching Mathematics* course (with Daniel Ellis, Benjamin Stowe, and YJ Arciaga).

May 2025

Facilitator, The Michigan Association of Mathematics Teacher Education, Michigan

Hosted the virtual 2025 *MI-AMTE Graduate Student Experience Panel Discussion*.

2023 - 2024

WMU Math Middle School Volunteer, Department of Mathematics Western Michigan University

Facilitated fun math activities for the middle school students who came to visit WMU from Portage Northern Middle School.

February 2019	Volunteer Inspector and Judge, University of South Florida, Tampa, Florida Inspected and judged the high school students' robots at USF VEX Robotics Competition Signature Event—A World Qualifier.
2013 - 2015	Volunteer Staff, Chulalongkorn University, Bangkok, Thailand Held Mathematics Camps across Thailand for 7-12 grade students.
2000 - 2018	Volunteer Teacher, Rural Schools, Wiang Sa District Nan, Thailand Taught Arts, English, and Mathematics to K-12 grade students during semester breaks.

PROFESSIONAL AFFILIATION AND SELF-EDUCATION (as a non-presenter)

Professional Affiliation

2022 - Present	The International Group for the Psychology of Mathematics Education
2021 - Present	The Michigan Association of Mathematics Teacher Educators
2020 - Present	The Association of Mathematics Teacher Educators
2020 - Present	The North American Chapter of the International Group for the Psychology of Mathematics Education
2020 - Present	National Council of Teachers of Mathematics

Self-Education

Spring 2026	Participating in the MI-AMTE Human Flourishing Reading Group (WMU group led by Dr. Mariana Levin)
Summer 2025	Attended the How to Do Research and Get Published Webinar Series hosted by Sage Publishing
May 2025	Attended the AMTE Webinar: Generative Artificial Intelligence Chatbots in the Mathematics Classroom: What Should You Know and How To Teach Caution
2024 - 2025	Attended the annual "Write Winning Grant Proposals" workshops hosted virtually by the Office of Research and Innovation at Western Michigan University

2024 - Present	Attended the RISE Ideas Speaker Series hosted by Postdoctoral Training Program, University of Wisconsin-Madison.
2024 - Present	Attended the Journal of Research in Mathematics Education Talks.
2024 - Present	Qualitative Research in Education Facebook Live hosted by Dr. Kakali Bhattacharya
Spring 2024	Attended Amy and Grace's Four Webinar Series About Productive struggle in Mathematics: (a) Developing Independent Math Thinkers, (b) Maximizing Multiple Mathematical Representations to Engage all Learners, (c) Making Students' Mathematical Thinking Visible, and (d) Mathematical Discourse for All, Held Virtually.
February 2022	Attended the 26th Annual Conference of the Association of Mathematics Teacher Educators, Henderson, NV.
March 2021	Attended the Conversation Among Colleagues Conference: Reimagining Opportunities for Mathematics Teacher Learning, Held Virtually.
January 2020	Attended a workshop about Problem-Based Learning 2020. University of Delaware, Newark, DE.
November 2019	Completed the Fall 2019 International Teaching Assistant Professional Development Modules: (a) Presentation and Teaching Skills, (b) Academic Culture, and Classroom Interaction. University of South Florida, Tampa, FL.
Summer 2019	Passed the International Teaching Assistant (ITA) Language Assessment and met the English language proficiency requirement for ITAs at USF. University of South Florida, Tampa, FL.